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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 5th February 1994

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Telegraphic address "PATOFFICE".

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Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

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"NIZAM PALACE", 2nd M.S.O Building,
5th, 6th and 7th Floor,
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Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patent Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 5 फरवरी 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दीप एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
फ्लैट सं 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, बालाशाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पांडिचेरी, लक्षद्वीप, मिनिकाय तथा अमिनिदिवि द्वीप ।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय के नियंत्रक को भुगतान योग्य धनादेश अथवा प्राप्त आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE AT 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent branch are the dates claimed under section 135, of the Patent Act, 1970.

21st December 1993

806/Cal/93. Trutzschler GmbH & Co. KG. Device for the feeding of fibre materials, eg. Cotton, Synthetic Fibre material and similar others present in flock form for a spinning processing machine, eg. carding machine, cleaner and similar others.

807/Cal/93. Alusit Holdings, L.P. Process for obtaining metallized surface using improved electron beam curing apparatus.

808/Cal/93. Johnson Electric S.A. Brush Assembly for an electric Motor. (Convention No. 9226648.5; dated 22-12-92 Great Britain).

22nd December 1993

809/Cal/93. Gao Gesellschaft fur automation and organisation mbH. A security element for protecting security documents from reproduction.

23rd December 1993

810/Cal/93. Hollandse Signaalapparaten B.V. Radar apparatus.

811/Cal/93. Hoechst Aktiengesellschaft. Ester compounds, process for their preparation and their use.

812/Cal/93. Hoerbiger Ventilwerke Aktiengesellschaft. Automatic Valve.

24th December 1993

813/Cal/93. Cheil Foods & Chemicals, Inc. Novel pyridone carboxylic acid derivatives.

814/Cal/93. Dr. Chandan Mukherjee. An electronic stethoscope.

815/Cal 9. Stork Screens B.V. Wear-resistant Screen product and method for manufacturing thereof.

27th December 1993

816/Cal/93. Copeland Corporation. Compressor with motor cooling.

817 Cal/93. Himont Incorporated Process for preparing a polymer or copolymer of olefins in the form of spherical particles. [Divided out of No. 330/Cal/90; antedated to 23rd April 1990].

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, IIIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (W) BOMBAY-13

22-11-1993

398/Bom 1993. Polyolefins Industries Ltd An improved coupler for plastic pipes.

24-11-1993

399/Bom/1993. Hindustan Lever Ltd. U.K. Priority dated 24-11-92. Cosmetic composition.

400/Bom/1993. Hindustan Lever Ltd. Alkyl glyceramides & their use as surfactants.

25-11-1993

401/Bom/1993. Mrs. Shreelekha Verma. Electronic circuit to light up fluorescent tube at 220 volts instantaneously.

26-11-1993

402/Bom/1993. Shri Arun Gajanan Khadilkar. A power generator run by a heat pump using rejected vapours.

403/Bom/1993. Shri Ranjeet Singh Jaswal. Pilfer evident seal having air looking & interlocking means.

404/Bom/1993. Shri Uday Adhikari. An improved switch board & the method of manufacturing the same.

30-11-1993

405/Bom/1993. The Associated Cement Companies Ltd. A method of manufacturing chemically & thermally resistant silicrete binder composition & precast concrete structural elements made from said silicrete binder composition.

406/Bom/1993. Hindustan Lever Ltd. G.B. Priority dated 27-11-1992. Cristobalite.

407/Bom/1993. Klenzaids Bioclean Devices (P) Ltd. High efficiency gas filter.

2-12-1993

408/Bom/1993. Hindustan Lever Ltd. U.K. Priority dated 30-11-1990 & 19-06-1991. Collating apparatus.

409/Bom/1993. Shri Ramakrisana Boja Raju. A self energy generating vehicle.

3-12-1993

410/Bom 1993. Hindustan Lever Ltd. Protection of adjuncts.

411/Bom/1993. Hindustan Lever Ltd. Frozen confections.

412/Bom/1993. Hindustan Lever Ltd. Liquid cleaning products.

APPLICATION FOR THE PATENT FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-110005

16-08-1993

873/Del/93. Smt. Lata Chakladar (Indian), "Readymade Meat Spice Paste".

874/Del/93. Duracell Inc., "Process for producing Manganese Dioxide."

875/Del/93. Voest-Alpine Industrieanlagenbau GmbH, "A Tiltable Converter."

876/Del/93. Fuller Company. "Process for drying resin and stripping hydrocarbons from the solids."

877/Del/93. Engineers India Limited, "Sulfur Recovery process."

878/Del/93. Alan Nicholas Jacobsen, "Improved method and apparatus for open end yarn spinning." (Convention date 18th August 1992.)-AU.

17-08-93

879/Del/93. Victor Company of Japan, Ltd., "An apparatus for transferring an electrostatic latent image from a master recording member to a blank recording member."

880/Del/93. Chemische Fabrik Stockhausen GmbH, "Alkoxy groups containing copolymers and their use in the retaining of leather."

881/Del/93. H-C industries, Inc., "Linerless closure."

882/Del/93. British Technology Group Limited, "Method of and apparatus for determining a rotor displacement Parameter." (Convention date 21st August 1992.)-U.K.

883/Del/93. Diacel Chemical Industries, Ltd., "Near infrared absorbing transparent resin composition and article molded therefrom."

18-08-93

884/Del/93. The Secretary, Department of Science and Technology (Ministry of Science & Technology), Government of India, Technology Bhavan, New Mehrauli Road, New Delhi-110016, "Design and development of stirling cycle cryogenerators for Liquefaction of nitrogen."

885/Del/93. Kelvinator of India Ltd., "An improved ice-lined refrigerator."

886/Del/93. The Procter & Gamble Company, "Beta-Aminoalkyl and Beta-N-Peptidylaminoalkyl boronic Acids."

887/Del/93. The Procter & Gamble Company, "Process for synthesizing A Beta-Aminoalkyboronic acid and ester."

888/Del/93. The Procter & Gamble Company, "Liquid detergent compositions containing protease and certain Beta-Aminoalkyboronic acids and esters."

889/Del/93. The Procter & Gamble Company, "Polymeric Web having deformed sections which provide a substantially increased elasticity to the web."

890/Del/93. The Procter & Gamble Company, "Absorbent article with elastic feature having a pretrained web portion and method for forming same."

18-08-93

891/Del/93. The Procter & Gamble Company, "Concentrated liquid detergent composition and a process for making the composition." (Convention date 24th August 1992.)-U.K.

892/Del/93. Reichle & De-massari AG, "Modular multiple contact plug."

893/Del/93. Ferodo Caernarfon Limited, "Fabrication of friction elements. "(Convention date 22nd August 1992.)-U.K.

894/Del/93. Ferodo Caernarfon Limited, "Fabrication of friction elements." (Convention date 22nd August 1992.)-U.K.

895/Del/93. Ferodo Caernarfon Limited, "Fabrication of friction elements." (Convention date 2nd September 1992.)-U.K.

19-08-93

896/Del/93. Secretary, Department of Science and Technology, Government of India, Ministry of Science & Technology, Technology Bhavan, New Mahrauli Road, New Delhi-110016, "A process for the preparation of 3-(tetrabromo pentedecyl) 2, 4, 5, 6 tetrabromophenol."

897/Del/93. The Secretary, Department of Science and Technology, Goverment of India, Ministry of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi-110016." A process for the prepartion of 3-(tetrabromo pentadecyl) 2, 4, 6-Tribromophenol."

898/Del/93. Chief Controller R&D. Defence Research & Development Organisation, Ministry of Defence, Government of India, New Delhi, India, an Indian

National, The preparation of controlled porosity silica gels."

899/Del/93. The Bfgoodrich Company, "Easy to disperse polycarboxylic acid thickeners."

900/Del/93. Northern Engineering Industries PLC., "Improvements in or relating to fossil fuel burner nozzles." (Convention date 2nd September 1992, 16th December 1992 and 28th April 1993.)-U.K.

20-08-93

901/Del/93. Seema Bhatjiwale an Indian National of 3/1308/67, Janak Nagar, Bajoria Road, Saharanpur-247001, (U.P.), India. An on-line freeness tester used for the measurements of freeness of the pulp."

902/Del/93. Millennium Technologies. Inc., "Method and apparatus for increasing efficiency and productivity in a power generation cycle." (Convention date 27th November 92.)-U.K.

903/Del/93. Showa Denko K.K., "Process for preparation of lower fatty acid ester."

904/Del/93. Colgate-Palmolive Company, "Multicolorsurface striping device."

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

13th December 1993

886/Mas/93. Cartonal Machines India Private Limited. A quick self-locating creasing matrix.

14th December 1993

887/Mas/93. M. V. Madhu Sudhan. Room partitions.

888/Mas/93. Joseph George. Multilayered rice husk particle board and a method of making the same.

889/Mas/93. Chevron Research and Technology Company. Preparation of Aluminosilicate zeolites.

890/Mas/93. Hoechst Aktiengesellschaft. Process and apparatus for preparing 1, 2-dichloroethane by direct chlorination.

891/Mas/93. F. L. Smidth & Co. A/s. Method and cooler for cooling particulate material.

892/Mas/93. Iscor Limited and Metallgesellschaft. Continuous reduction of metals and/or metal oxides.

893/Mas/93. Transcom Gas Technologies Pty. Ltd. Engine control unit. (December 14, 1992; Australia).

894/Mas/93. University College London. Neural network architecture. (December 16, 1992; United Kingdom).

895/Mas/93. Dana Corporation. Composite powdered metal combustion seal ring.

15th December 1993

896/Mas/93. Societe Des Produits Nestle S.A. Cereal product.

897/Mas/93. Hoogovens Groep BV. Method and apparatus for treating a flow of gas containing oxidized sulphur compounds.

898/Mas/93. Dana Corporation. Reinforced core heavy duty gasket.

899/Mas/93. Empyrean Diagnostics Inc. HIV analysis method and device.

900/Mas/93. Bandgap Technology Corporation. Improved methods for subliming carbon and for carbon doping of III-V semiconductors and apparatus thereof.

901/Mas/93. Technological Resources Pty. Ltd. and The University of Western Australia. Toxic material disposal (December 18, 1992; Australia).

16th December 1993

902/Mas/93. Dr. P. Sivaprasad. A process for the preparation of stable solid phase pesticidal composition from sulphur sludge.

903/Mas/93. Thirumalai Anadampillai, Vijayan. An improved ceiling fan.

904/Mas/93. ELF Atochem S.A. Composition comprising a vinylaromatic polymer and a rubber and process for obtaining it.

905/Mas/93. IdB Holding S.p.A. Controlled-release pharmaceutical compositions containing nicergoline.

906/Mas/93. Neste OY. Novel olefin polymerizing catalyst, method for preparing it and use for the polymerization of olefins.

907/Mas/93. Colorado State University Research Foundation. Treatment method for lignocellulosic biomass.

17th December 1993

908/Mas/93. C. Raja Reddy. A plant for producing streams of different ionic salt concentrations from fluids containing inorganic salts dissolved therein and a method of producing such streams.

909/Mas/93. Heilmeier & Weinlein Fabrik F. Oel-Hydraulik GmbH & Co. KG. (Electrohydraulic control device and pressure reducing valve.

910/Mas/93. Philip Morris Products Inc. Process and apparatus for impregnation and expansion of tobacco.

911/Mas/93. W L Gore & Associates (UK) Limited. Dryer. (December 18, 1992; United Kingdom).

ALTERATION OF DATE UNDER SECTION-16

173059
(109/Cal/92)
Antedated to 04th July 1989.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार(4) महीने या अधिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत् विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व की उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार, जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl.: 206-L 173051

Int. Cl.: G 05 D 7/06.

DIGITAL ELECTRONICS SYSTEM FOR CONTROLLING A FIBER OPTIC SHEDDING FLOWMETER.

Applicant: INTERNATIONAL CONTROL AUTOMATION FINANCE S.A. OF VILLE DE LUXEMBOURG, 16 RUE DES BAINS, LUXEMBOURG.

Inventors: (1) WILLIAM LEE THOMPSON, & (2) DAVID WILLIAM JORDAN.

Application No. 579/Cal/89; filed on 18th July 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

4 Claims

A digital electronics system for controlling a fiber optic vortex shedding flowmeter, comprising:

light emitting means;

light detecting means;

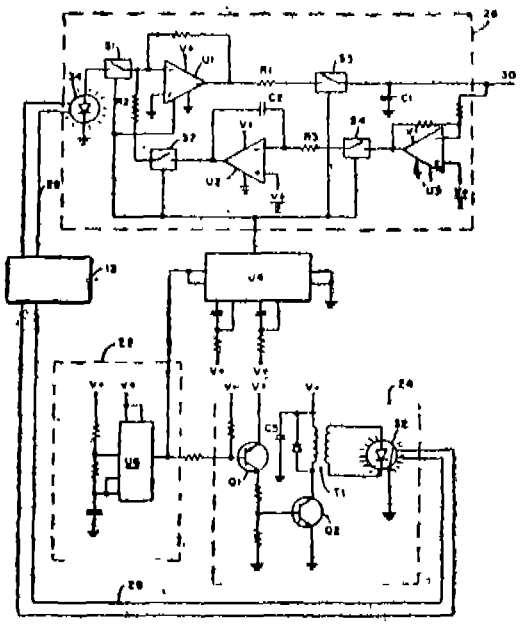
light connecting means connected to said light emitting means and said light detecting means for varying the attenuation of light from said light emitting means to said light detecting means accoding to a variable to be measured;

means for generating an electrical signal proportional to said varied attenuation of light, said generating means having a feedback circuit which eliminates an average peak value of said light attenuation to generate said electrical signal proportional to the modulation of said light signal;

filter circuit means for dividing said electrical signal into at least two output signals with said output signals being offset in time, said filter circuit means having means for comparing each output signal with a predetermined reference level for eliminating signal noise;

and computer means in communication with said output signals for determining the measured variable therefrom and for correcting the measured variable according to process variables.

FIG. 2



(Compl. Specn. 12 pages. Drngs. 1 sheet)

Cl.: 69 Q 173052

Int. Cl.[4]: H 01 H 71/00.

IMPROVEMENTS IN OR RELATING TO ELECTRICAL SWITCHING DEVICE WITH COVER INTERLOCK.

Applicant: WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors: (1) ALFRED EUGENE MAIER, & (2) JAMES RICHARD FARLEY.

Application No. 665/Cal/89, filed on 14th August 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972). Patent Office, Calcutta.

7 Claims

An electrical switching device comprising first and second electrical contacts, an operating mechanism operable to open and close said first and second electrical contacts, an operating handle secured to said operating mechanism and movable therewith between a first position in which said first and second contacts are open and a second position in which said first and second contacts are closed, a housing having an opening through which said first and second contacts and said operating mechanism are inserted into said housing, a cover removably secured to the housing over said opening to enclose said first and second electrical contacts and said operating mechanism, an elongated slot through which said handle extends and is movable between said first and second positions, said handle having a terminal portion extending beyond said cover which is enlarged on both sides in a direction transverse to the elongated slot, said elongated slot having a width at the first position of the handle which is wider than the enlarged terminal portion of the handle and a width at the second position of the handle which is narrower than the

enlarged terminal portion of the handle, so that the cover is only removable from the housing when the handle is in the first position and hence when the first and second electric contacts are open.

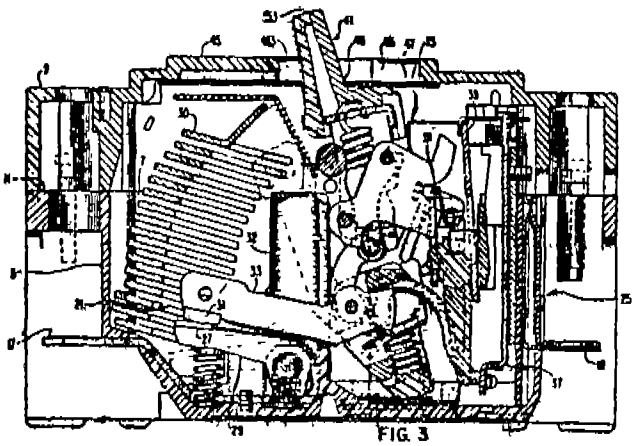


FIG. 3

(Compl. Specn. 12 pages. Drngs. 5 sheets)

Cl. : 68 E. 173053

Int. Cl. : G 05 F 3/02.

VOLTAGE REGULATOR CIRCUIT FOR FREE VOLTAGE.

Applicant : SAMSUNG ELECTRONICS CO., LTD., OF KOREA OF 416, MAETANDONG, KWONSUN-KU, SUWON, KYUNGGI-DO, S. KOREA.

Inventor : KI-DONG JU.

Application No. 679/Cal/89; filed on 21st August 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

4 Claims

A voltage regulator circuit for free voltage comprising :

a transformer having a primary winding connected to a power source, a secondary winding for generating an output voltage, and first and second auxiliary windings for developing the respective voltages proportional to the output voltage generated by said secondary winding;

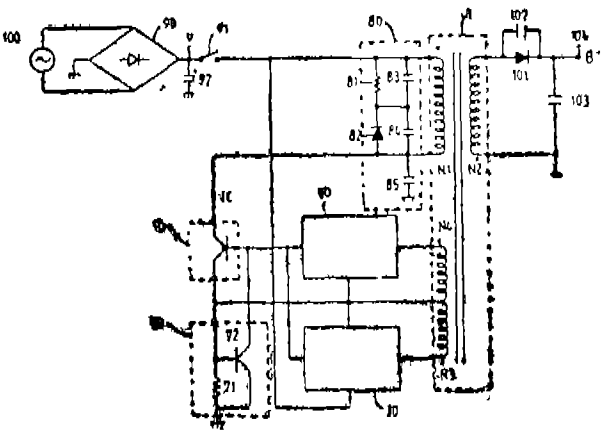
a switching means connected to said primary winding in series for controlling the power supply from said power source to the said primary winding;

a driving means connected to said power source for providing the starting current from said power source to the control terminal of said switching means for the starting of the said switching means, and which is connected to the said first auxiliary winding for providing forward bias voltage to the control terminal of said switching means at the "ON" time of said switching means and reverse bias voltage at the "OFF" time of said switching means, so as to charge a current proportional to the output current flowing in said secondary winding during the "OFF" period of said switching means and, thereafter, to discharge the current to the control terminal of said switching means during the "ON" period of said switching means;

a voltage control means connected to said second auxiliary winding for keeping the output voltage level constantly by detecting said output voltage level generated in said secondary winding during the "OFF" period of said switching means and providing to the control terminal of said switching means the control signal that reduces the "ON" period of said switching means proportional to the detected value in case said detected value exceeds the predetermined voltage level; and

an overcurrent detecting means connected to said primary winding through said switching means for terminating the operation of said switching means by blocking the signal applied to the control terminal of said switching means when and over current is detected.

FIG. 1



(Compl. Specn. 20 pages. Drngs. 2 sheets)

Cl. ; 205 B 173054

Int. Cl.[4] : G 01 M 17/02.

APPARATUS FOR TIRE INSPECTION.

Applicant : OLIVER RUBBER COMPANY OF 1200 65TH STREET OAKLAND, CALIFORNIA 94608 UNITED STATES OF AMERICA.

Inventors : (1) CHARLES RICHARD CUSHMAN, & (2) LOREN JOSEPH DIKEMAN.

Application No. 730/Cal/89; filed on 5th September 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

27 Claims

An apparatus for inspecting a tire for structural defects comprising :

—an upright housing;

—means extending from said housing for supporting and rotating a tire at a constant rate during an inspection cycle;

—a transmitter transducer means for directing a plurality of successive collimated bursts of ultrasonic energy against the surface and through the tire, said bursts passing through the tire and forming inspection areas having the same diameter and overlapping each other as the tire is rotated during an inspection cycle;

—a receiver transducer means for receiving the collimated ultrasonic energy that passes through each inspection area;

—coordination means for moving said transmitter transducer means and said receiver transducer means from one side of the tire to the other generally parallel to its axis of rotation while successive bursts are directed through the tire as it rotates, maintaining substantially the same distance between said receiver transducer means and the tire surface;

—electrical means for evaluating the strength of the energy received by said receiver transducer means for each burst; and

—means responsive to the evaluation by said electrical means for providing a visual indication of a structural defect in the tire being inspected wherever a said burst of energy is directed at said defect.

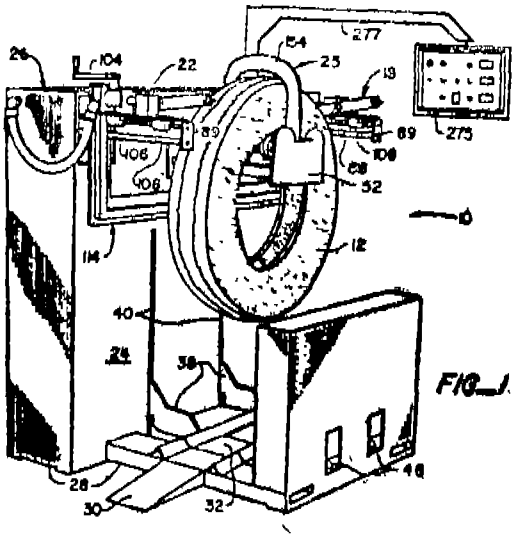


FIG. 1

(Compl. Specn. 47 pages. Drngs 15 sheets)

Cl.: 56 B. 173055

Int. Cl.: C 10 C 47/02.

PROCESS FOR CRACKING HYDROCARBONS AND AN APPARATUS THEREFOR.

Applicant: STONE & WEBSTER ENGINEERING CORPORATION OF 245 SUMMER STREET, BOSTON, MASSACHUSETTS 02107, UNITED STATES OF AMERICA.

Inventor: ALAN ROWLAND GOELZER.

Application No. 67/Cal/90; filed on 25th Januay 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

6 Claims

In a fluidized catalytic cracking-regeneration process for cracking hydrocarbon feedstocks or the vapor thereof with a cracking catalyst comprising separate first and second catalyst regeneration zones said catalyst being continuously regenerated in said first and second regeneration zones, successively, by combusting hydrocarbonaceous deposits on the catalyst in the presence of an oxygen-containing gas under conditions effective to produce a first regeneration zone-flue gas relatively rich in carbon monoxide and a second regeneration zone flue gas relatively rich in carbon dioxide, wherein temperatures in the first regeneration zone range from 1100°F to 1300°F, and temperatures in the second regeneration zone range from 1300°F to 1800°F, a method for improving the process which comprises the steps:

(a) cracking a first hydrocarbon feed comprising gas oil and/or residual oil boiling range material in a first elongated riser reactor in the presence of regenerated cracking catalyst supplied from the second catalyst regeneration zone at a temperature of at least 1300°F, a catalyst-to-oil ratio of from 5 to 10, and residence time of from 1 to 4 seconds and where coke is deposited on said catalyst in an amount less than 1.2 weight per cent thereof, to obtain vaporous conversion products of the first hydrocarbon feed comprising a heavy naphtha fraction and materials lower boiling than said heavy naphtha fraction, a light cycle oil, a heavy cycle oil, and materials higher boiling than said heavy cycle oil, while simultaneously.

(b) cracking a second hydrocarbon feed comprising virgin naphtha and/or intermediate and heavy cracked naphtha boiling range material in a second elongated riser reactor in the presence of regenerated cracking catalyst supplied from the second catalyst regeneration zone at a temperature of at least 1300°F, a catalyst-to-oil ratio of from 3 to 12 and residence time of from 1 to 5 seconds and where coke is deposited on said catalyst in an amount less than 0.5 weight per cent thereof obtain vaporous conversion products of the second hydrocarbon feed comprising gasoline boiling range material having a high aromatic content and octane number and lighter hydrocarbon material from a light cycle oil material, and

(c) passing and combining the vaporous conversion products from the first and second elongated riser reactors in a common disengaging zone therein separating entrained catalyst particles from vaporous product material and passing the combined conversion products to a fractional distillation zone to recover at least a gasoline boiling range material fraction and lighter gaseous hydrocarbon material fraction, a heavy naphtha boiling range material fraction, a light cycle oil boiling range material fraction and a heavy cycle boiling range material fraction including slurry oil and higher boiling material fractions.

(Compl. Specn 33 pages. Drngs. 1 sheet)

Cl.: 55 E 173056

Int. Cl.[4]: A 61 K 9/10.

METHOD OF PREPARING SYRINGABLE, INJECTABLE PHARMACEUTICAL COMPOSITION.

Applicant & Inventor: DUNCAN HAROLD HAYNES OF 4051 BARBAROSSA AVENUE: MIMI, FLORIDA 33133; UNITED STATES OF AMERICA.

Application No. 305/Cal/91; filed on 22nd April 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

11 Claims

A method of preparing a syringable, injectable pharmaceutical composition comprising mixing, in the manner such as herein described, solid particles of a pharmacologically active water-insoluble drug substance in solid form, and a membrane-forming amphipathic lipid, such as herein described, to result in a pharmaceutical composition having the solid particles of the aforesaid drug substance, the solid particles having diameters of about 0 05 μm to about 10 μm, and said solid particles being coated with a 0.3 μm to 3.0 μm thick layer of the said membrance-forming amphipathic lipid, which stabilizes the drug substance from coalescence and renders the drug substance in solid form less irritating to tissue of the host, and, if desired, adding water to the composition, so obtained, to form aqueous suspension therof, the weight ratio of the said drug substance to the said lipid being from about 1 : 1 to about 1,000 · 1

(Compl. Specn. 62 pages Drngs. 3 sheets)

Cl.: 55 E 4 173057

Int. Cl[4]: A 61 K 31/44; 31 675.

PROCESS FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION SUITABLE FOR THE PROPHYLAXIS OF VASCULAR LESIONS.

Applicant: STEIGERWALD ARZNEIMITTELWERK GMBH OF HAVELSTRABE 5 D-6100 DARMSTADT FEDERAL REPUBLIC OF GERMANY.

Inventors:

(1) WERNER SCHNEIDER
(2) BRITTA MEYER.
(3) ERICH F. ELSTNER.

Application No 362/Cal/91; filed on 13th May 1991

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rule, 1972), Patent Office, Calcutta

1 Claims

A process for the preparation of a pharmaceutical composition suitable for the prophylaxis of vascular lesions, comprising mixing magnesium-pyridoxal-5'-phosphate-glutaminate and a catalytically effective amount of a manganese salt such as herein described together with a conventional pharmaceutically acceptable carrier, and formulating the mixture in a known manner into a form suitable for pharmaceutical administration.

(Compl Specn. 18 pages. Drngs. 6 sheets)

Cl. : 39 E 173058

Int. Cl.[4] : A 01 N 59/20.

METHOD FOR PRODUCING DRY FLOWABLE BACTERICIDE/FUNGICIDE.

Applicant : GRIFFIN CORPORATION OF ROCKEY FORD ROAD, VALDOSTA, GEORGIA 31601, UNITED STATES OF AMERICA.

Inventors :

(1) JAMES HOLT LEFILES.
(2) EVELYN JEAN TAYLOR.
(3) MARK ALLEN CRAWFORD.

Application No. 706/Cal/91; filed on 18th September 1991.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rule, 1972), Patent Office, Calcutta.

11 Claims

A method of producing a dry flowable bactericide/fungicide comprising the steps of :

forming an aqueous slurry by combining with water;

between approximately 5% and 20% by weight (based on the total weight of all dry ingredients) of a first dispersant selected from the group consisting of partially neutralized polyacrylic acid having a pH of between approximately 5 and 10 and an average molecular weight of between approximately 1,000 and 10,000 and lignin sulfonate;

between approximately 0% and 5% by weight (based on total weight of all dry ingredients) of a second dispersant such as herein described for bentonite clay;

between approximately 40% and 80% by weight (based on the total weight of all dry ingredients) phosphate stabilized cupric hydroxide; and

between approximately 6% and 30% by weight (based on the total weight of all dry ingredients) bentonite clay;

between 0% and 1% by weight (based on the total weight of all dry ingredients) of an antifoam compound;

between 0% and 1% by weight (based on the total weight of all dry ingredients) of a wetting agent;

mixing said slurry to form a subtantially homogeneous slurry; and

drying said slurry in a manner known per se to thereby form a free flowing granular material of particle size of between 0.5 and 3.0 microns having less than 10% moisture.

(Compl. Specn. 25 pages. Drngs. Nil)

Cl. : 128 G, K. 173059

Int. Cl[4] : A 61 B 17/34.
A 61 D 1/02.

A TROCAR.

Applicant : ETHICON, INC. OF ROUTE NO. 22, SOMERVILLE, NEW JERSEY 08876, UNITED STATES OF AMERICA.

Inventors :

(1) JOSE C. DENIEGA.
(2) STEPHEN J. FAILLA.

Application No. 109/Cal/92; filed on 18th February 1992.

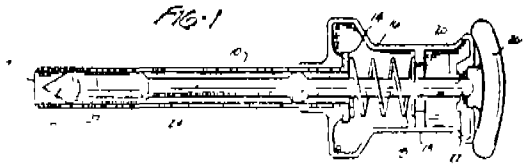
(Convention No. 8816033.8; dated 06 July 1988; Great Britain).

(Divided out of No. 522/Cal/89; ante-dated to 04-07-1989).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

7 Claims

A trocar including a trocar tube having a proximal end and a distal end, an obturator having a perforating tip and extendable through the tube to perforate tissue at the distal end of the tube, characterised by incremental advancement means; cooperating with said obturator, for permitting incremental distal advancement of said obturator.



(Compl. specn. 21 pages. Drgns. 12 sheets)

Cl. : 83 A, H 173060

Int. Cl. : A 23 L 3/02 3/04;
A 21 C 9/08.

METHOD AND DEVICE FOR PRODUCING A BRICK OF FRIED NOODLES.

Applicant : NISSIN SHOKUHIN KABUSHIKI KAISHA OF 1-1, NISHI-NAKAJIMA 4 CHOME, YODOGAWA-KU, OSAKA 532 JAPAN.

Inventors :

(1) KENKICHI MORISHITA.
(2) TOTSUO YAMAYA.
(3) TOSHINARI HIRATA.

Application No. 122/Cal/92; filed on 21st February 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

5 Claims

A method for producing a brick of fried noodles comprising the steps of :

cutting noodle prepared by an ordinary method for each fixed quantity,

packing the cut noodles in a fry container being able to pass the liquids therethrough,

closing the fry retainer by means of a lid,

frying a brick of noodles, and

sucking and removing oil contained in a brick of fried noodles in a manner such as herein described through the bottom of the fry retainer pulled up onto an oil surface after frying.

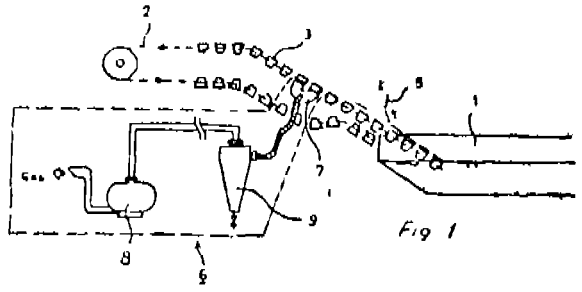


Fig 1

(Compl. Specn. 18 pages. Drngs. 2 sheets)

Ind. Class : 205-II [GROUP—I.VI] 173061

Int. Cl.4 : B 29 D 30 08.

B 29 C 65/74.

A PROCESS FOR BUTTING TWO EDGES OF A REINFORCED PLY FOR A RADIAL CARCASS AND A TIRE HAVING TWO SIDEWALLS CONNECTED BY A TREAD.

Applicant : COMPAGNIE GENERALE DES ETABLISSEMENTS MECHELIN-MECHELIN & CIE, OF 4 RUE DE TERRAIL, 63000 CLERMONT-FERRAND, FRANCE, A FRENCH COMPANY.

Inventors :

(1) BERNARD AUPIC.

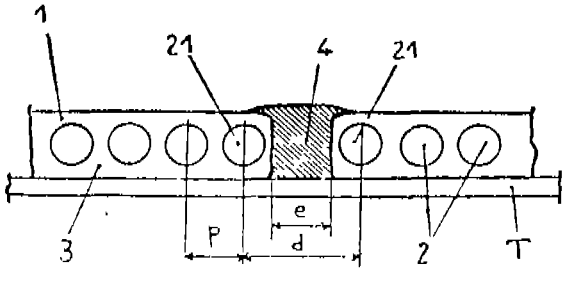
(2) JEAN-CLAUDE TARDIVAT.

Application No. 855/MAS/88 filed November 30, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

4 Claims

A process for butting two edges of a reinforced ply (1) for a radial carcass, the reinforced ply being formed of parallel elongated reinforcement elements (2) embedded in a rubber mix (3) in which the reinforcement elements are spaced apart by a pitch p, the ply having an end elongated reinforcement element (21) near each edge to be butted, characterized by the fact that the ply (1) is placed on a support with the edges to be butted spaced apart such that the end reinforcement elements (21) are parallel to each other and spaced apart by a distance (d) which is betwen 1.5 p and 1.5 rp, r being the smallest shaping ratio of the radial carcass reinforcement (11) which can be made from said ply (1), and by the fact that an unvulcanized rubber mix (4), brought to a temperature of at least 70C and having a Mooney viscosity (V_2) at least equal to 1.2 times the Mooney Viscosity (V_2) of the rubber mix (3) of the ply (1) and a modulus of elasticity M_2 at least equal to 1.5 times the mudulus of elasticity M_1 of the rubber mix (3) of the ply (1), is injected under a presure of at least 5 bars into a space (e) locate between the spaced apart edges.



(Compl. 15 pages, Drngs. 1 sheet)

2—447GI/93

Ind. Cl : 128 A (XIX (2)) 173062

Int. Cl.[1] : A 41 B 13/02.

PRESSURE-SENSITIVE ADHESIVE CLOSURE FOR DISPOSABLE DIAPER

Applicants : MINNESOTA MINING AND MANUFACTURING COMPANY, OF 3M CENTER, SAINT PAUL, MINNESOTA 55144-1000, U S A, a corporation of the state of Delaware.

Inventors : THERESA LOUISE CARPENTER, ALAN JOHN SIPINEN & STEPHEN WILLIAM BANY.

Application No. 777/MAS/88 filed on 7th November 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

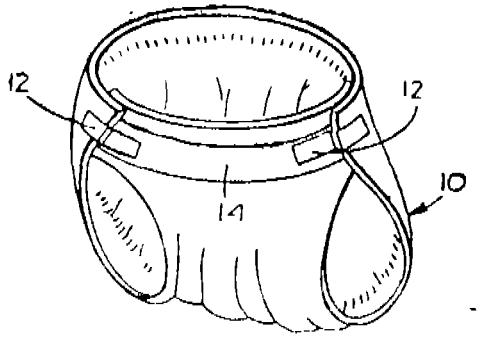
14 Claims

Pressure-sensitive adhesive closure for disposal of garment such as a diaper comprising,

A presure-sensitive adhesive fastening tape, the said adhesive comprises a blend of (1) an AB block copolymer wherein A consists essentially of a polyvinylarene, B consists essentially of a polymer of at least one monomer selected from the group consisting of conjugated dienes and lower alkeneso, and A comprises from 8 to 50 weight per cent of the block copolymer, and (2) tackifying resin, the AB copolymer comprising from 20 to 60 weight per cent of total AB copolymer plus tackifier and the B phase of the blend having a composite Tg of from 250 to 275K, and

a polyolefin layer which forms the fastening area of the garment, the fastening surface of which has a large number of closely spaced asperities that have a jagged appearance at about 500 X, are present over at least one-half the fastening surface, and are at least two micrometers in height,

said closure affording a Mean Peel Force of at least 175 N/m both at 30 and 1250 cm/min.



(Compl. Specn. 29 pages; Drg. 10 sheets)

Ind. Class : 171—[GROUP-XXXVIII(4)] 173063

Int. Cl.[4] : G 02 B 3/10.

A MULTIPLE FOCAL POINT PROFILED PHASE PLATE.

Applicant & Inventor : ALLEN L. COHEN, OF 10010 WALSHAM COURT, RICHMOND, VIRGINIA 23233, U.S.A., CITIZEN OF THE UNITED STATES OF AMERICA.

Application No. 784/MAS/88 filed November 10, 1988.

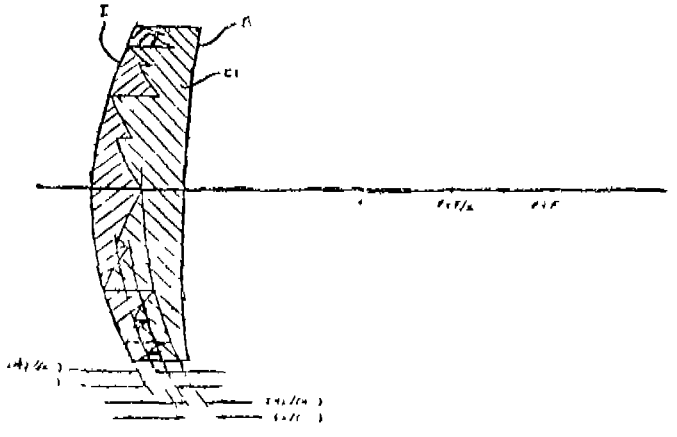
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

8 Claims

A multiple focal point profiled phase plate having a plurality of annular concentric zones spaced in accordance with the formula

$$(k) = \sqrt{\text{constant} \times k}$$

in which k is an integer zone number and r (k) is the radius of the kth zone phase shifting means in the form of a repetitive step are incorporated in at least some of the annular concentric zones and the annular concentric zones have an optical path length greater or less than one-half wavelength, the phase shifting means being positioned to obtain constant shift in the optical path length across the entire zone in which the said phase shifting means is incorporated and equal image brightnesses at each of the focal points



(Compl specn 16 pages; Drgs 7 sheets)

Ind Class 50-B—[GROUP-VII(1)] 173064

Int Cl[4] F 25 D 17/02

AN APPARATUS FOR HEATING AND/OR COOLING

Applicant MULTISTACK PTY LTD A COMPANY INCORPORATED IN THE STATE OF VICTORIA OF 1/14 MELRICH STREET, BAYSWATER VICTORIA 3153, AUSTRALIA

Inventor RONALD DAVID CONRY

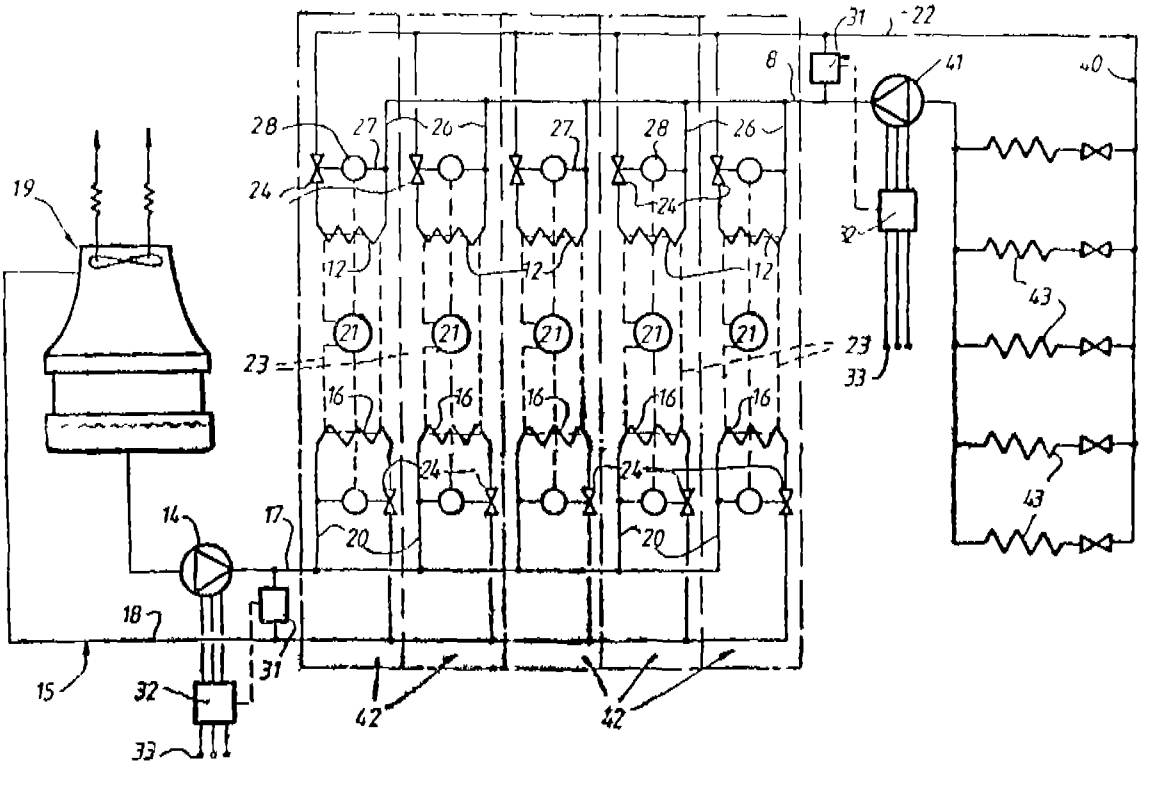
Application No 37/MAS/89 filed January 17, 1989

Convention date January 19, 1988 (No PI 6365 Australia)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch

15 Claims

An apparatus for heating and/or cooling comprising a plurality of modular refrigeration units (42) each of which has at least one compressor means (21, 114), an evaporator heat exchanger (12, 116) and a condenser heat exchanger (16, 117), supply (8, 17) and return (22, 18) fluid conduit means on each unit for conveying a heat exhange fluid through the evaporator heat exchanger (12, 116), said supply and return fluid conduit means (8, 17, 22, 18, 26, 121, 122, 127) being connected to despective supply and return manifold means (118, 119) so that the evaporator heat exchangers (12, 116) are connected in parallel to the manifold means (118, 119), pump means (41, 14) for circulating the heat exchange fluid through the manifold means (118, 119) each said pump means (41 14) having pump control means (32) to vary the flow of the heat exchange fluid and valve means (24, 126, 137, 138) to selectively close at least one of the supply and return fluid conduit means (8, 17, 22, 18 26, 121 122, 127),



(Compl specn 19 pages, Drgs 5 sheets)

Ind. Class : 129 J, G [XXXVI] 173065

Int. Cl. : B 21 D—21/00

AN IMPROVED METHOD FOR CONTINUOUS CASTING OF METAL PRODUCTS

Applicant : MANNESMANN AKTIENGESELLSCHAFT MANNESMANNUFER 2, D-4000 DUSSELDORF 1, FEDERAL REPUBLIC OF GERMANY. INCORPORATE IN GERMANY

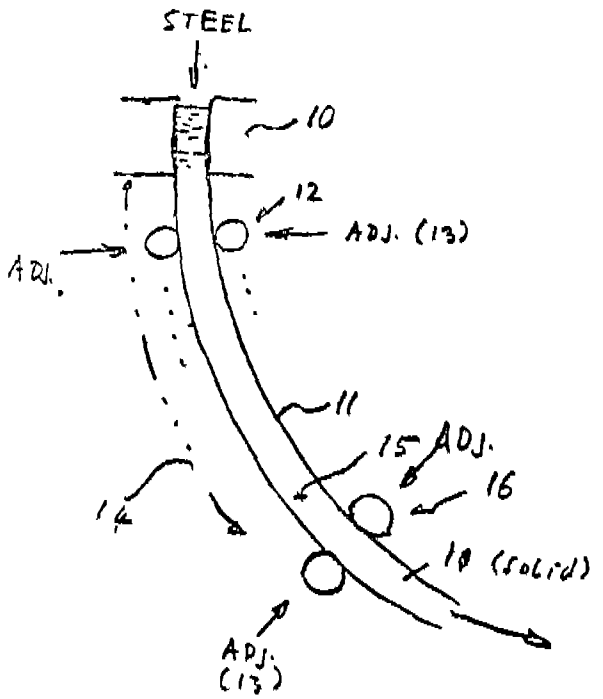
Inventors : 1. DR. ING FRITZ PETER PLESCHIUTSCHNIGG, 2. ING LOTHAR PARSHAT, 3 ING. GERD MOLLERD 4. ING. WERNER RAHMFELD, 5. ING ARMIN BURAU, 6 ING. HANS GEORGE EBERHARDT, 7. ING. HANS JURGEN EHRENBERG.

Application No. 386/MAS/89 filed on 16th May 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch

8 Claims

An improved method for continuous casting of metal products under u' lization of a mold and pouring molten metal into the mold to obtain a flat stock with a thickness below 100 mm and comprising withdrawing the casting by means of at least one roll pair, the casting being partially solidified, and reducing by means of said rolls the thickness of the stock upstream from complete solidification by at least 10% but not more than 70% of the thickness of the casting; and providing further reduction in thickness of the casting by at least 30% downstream from complete solidification, the improvement comprising : the product being cast having a thickness not below 50 mm; using exclusively internally cooled rollers for obtaining said reduction; and reducing the thickness downstream from the complete solidification but at a point where the temperature is only little below the solidifying temperature particularly in the case of steel being at a temperature between 1500 and 1200 degrees C.



(Compl speen. 11 pages; Drg 1 sheet)

Ind Class : 172 A[XX] 173066

Int. Cl : B 65 H 54 00

AN APPARATUS TO MONITOR THE PRESSING FORCE OF A SPEEDOMETER OR DRIVING ROLL

Applicant : MASCHINENFABRIK RIETER AG KLOSTERSTRASSE 20 8406 WINTERTHUR SWITZERLAND, A SWISS CORPORATION.

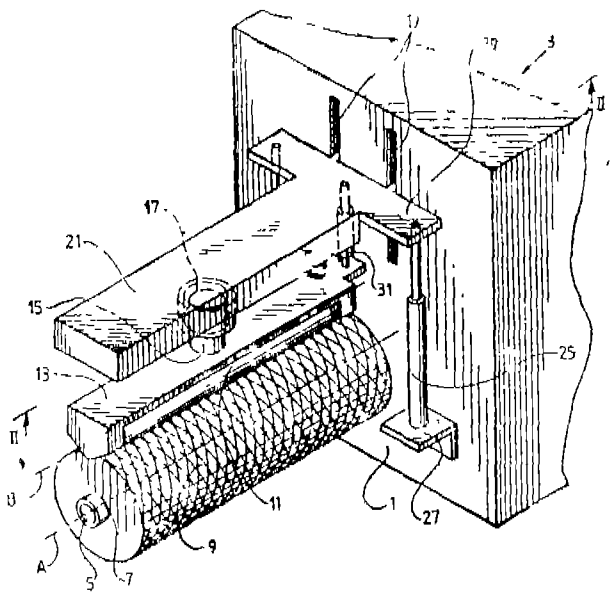
Inventors : 1 BUSENHART PETER, 2 WRIZ ARMIN.

Application No. 751/MAS/89 filed on 12th October 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims

An apparatus to monitor the pressing force of a speedometer or driving-roll, which is movable radially with respect to the spool axis, at the spool, while the spool is being built up on a spooling frame, comprising a holding means to support the speedometer roll and a pressing means which guides together the holding means with the speedometer roll and the spool, wherein separate dynameters (39) are inserted between each of the ends of the shafts (33, 35) of the speedometer roll (11) and the support (21) and the holding means (13) which supports the speedometer roll (11) is connected to the support (21) so as to be pivotable about an axis (C).



(Compl speen 11 pages; Drgs. 4 sheets)

Ind Class : 165-C—[GROUP—LXVI(7)] 173067

Int Cl : D 05 B 3/04.

A DEVICE FOR LMEASURING THE PASSAGE OF A PREDETERMINED LENGTH OF CLOTH AT RIGHT ANGLES TO THE NEEDLE OF A SEWING MACHINE.

Applicant : MEFINA S. A., OF BOULEVARD DE PEROLLES 5, 1700 FRIBOURG, SWITZERLAND, A SWISS COMPANY

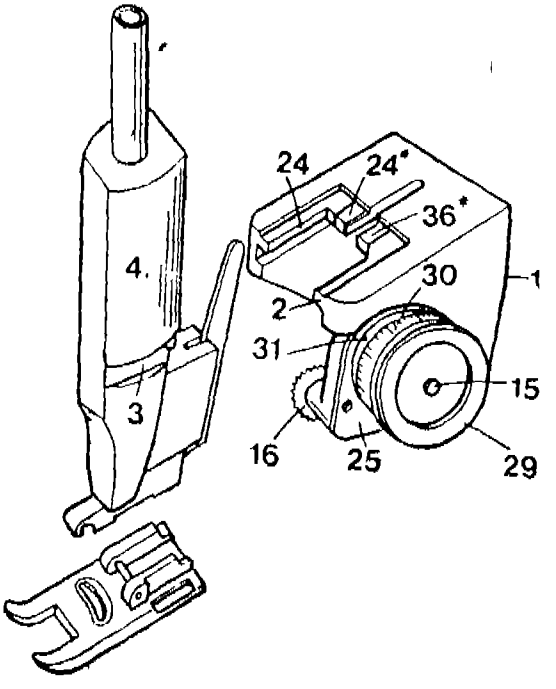
Inventors : (1) ANTONIO JIMENEZ, (2) GINO WALTER MICHELIZZA

Application No 841/MAS/89 filed November 17 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims

A device for measuring the passage of a predetermined length of cloth at right angles to the needle of a sewing machine, comprising a pair of reference points, each forming an electrical contact member, an adjusting member for varying the distance between said reference points, the reference points being adapted to fix the start and the end of the length to be measured and a further electrical contact member for closing the electrical contact members formed by the refereince points, disposed between the reference points, a movable part fixedly associated with one of the group consisting of the pair of reference points and the further electrical contact member, means for putting the movable part into contact with the cloth to be sewn and for causing movement of the movable part as a function of the advance of the cloth, and a return member constantly tending to bring the movable part back into a position in which the reference point fixing the start of the length to be measured and said further electrical contact member are applied one against the other, wherein the pair of reference points and the further electrical contact member are adapted to be connected respectively to two terminals of a control circuit of the machine.



(Compl. speen. 13 pages; Drgs. 4 sheets)

Ind. Cl. : 172 D, [XX]. 173068

Int. Cl.[4] : B 65 G 39 00

BRAOD DRAWING ROLLER.

Applicant : LURAFLEX GmbH GERHARD LUCKENOTTO, OF HALSKESTRASSE 5A, D 4030 RATINGEN, GERMANY. A GERMAN COMPANY.

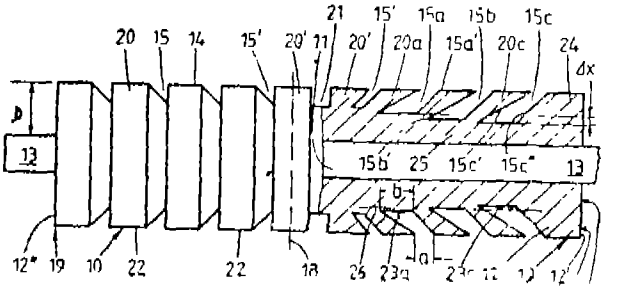
Inventor : ANTON LUCKENOTTO.

Application No. 948/Mas/89 filed on 27th December 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras

8 Claims

Broad-drawing roller for the guidance of web-shaped materials comprising a carrier axle (11) and a deformable broad-drawing covering (12) arranged on the said carrier axle (11) at a fixed location and having an essentially cylindrical circumferential face (14), annular indentations (15, 15a, 15b, 15c) extending from the cylindrical circumferential face with inclination relative to the carrier axle (11) and as a mirror image to a axial mid-plane (18) of the broad-drawing covering (12), at least one of the indentations (15, 15a, 15b, 15c) extending respectively over half of the broad-drawing covering (12) having an indentation depth different from that of the other indentations, wherein the said annular indentations (15a, 15b, 15c) have a smaller width at their open end located on the circumferential face than at their end (b) facing the carrier axle (11).



(Compl. Speen. 16 pages. Drg. 1 sheet.)

Ind. Cl. : 45 G3 [II(1)]. 173069

Int. Cl.[4] : F 03 D 1/33.

A MULTI-AXIS ADAPTOR FOR USE WITH THE VALVE ASSEMBLY OF A FLUSHING CISTERN

Applicants : (1) NARENDRA GHORPADE, (2) VANKIPURAM RAMAMURTHY RAMRATHNAM, (3) VIJAY GHORPADE, AND (4) RANGANATHAN SRINIVASAN, ALL OF ESPIEM INC, 459 ANNA SALAI, NANDANAM, MADRAS-600 035, TAMIL NADU, INDIA, INDIAN NATIONALS.

INVENTORS : (1) NARENDRA GHORPADE, (2) VANKIPURAM RAMAMURTHY RAMRATHNAM, (3) VIJAY GHORPADE, (4) RANGANATHAN SRINIVASAN.

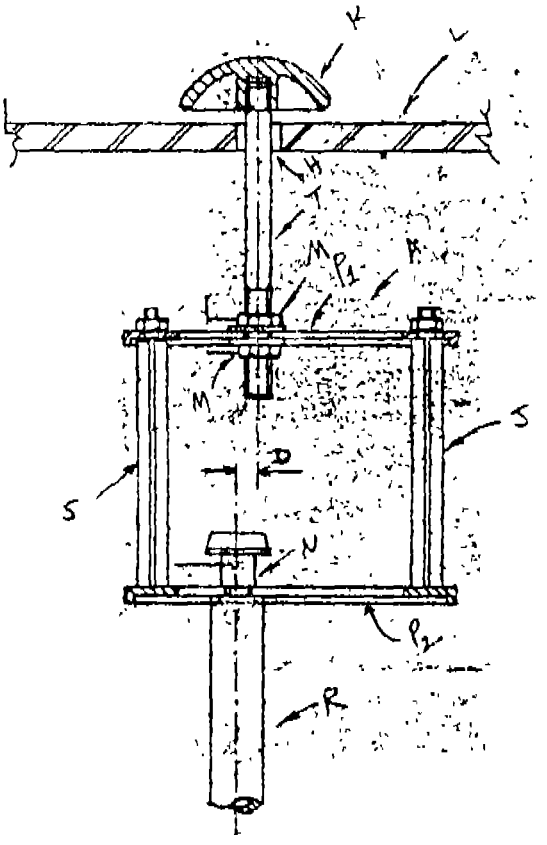
Application No. 143 Mas/90 filed on 22nd February 1990

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

2 Claims

A multi-axis adaptor for use with the valve assembly of a flushing cistern comprising top and bottom plates separated by rigid struts, each of the said plates having an elongated slot, the actuator rod of the valve assembly being swivelably fixable in the slot in the bottom plate, thereby enabling the

knob or pull rod passing through the hole in the lid of the cistern body to be engaged with the slot in the top plate, to render the lift or pull on the knob or pull rod substantially in the vertical plane.



(Compl Specn 6 pages. Drg. 2 sheets.)

Ind. Cl. : 49-D—[GROUP-XV(1)]. 173070

Int Cl.[4] A 47 J 17/02.

A CAP FOR COCONUT SCRAPER BLADE.

Applicant & Inventor : DR. JOSE THAIKATTIL, PHYSICIAN, UNIVERSITY HEALTH CENTRE, CALICUT UNIVERSITY P.O., KERALA STATE, INDIA. AN INDIAN NATIONAL.

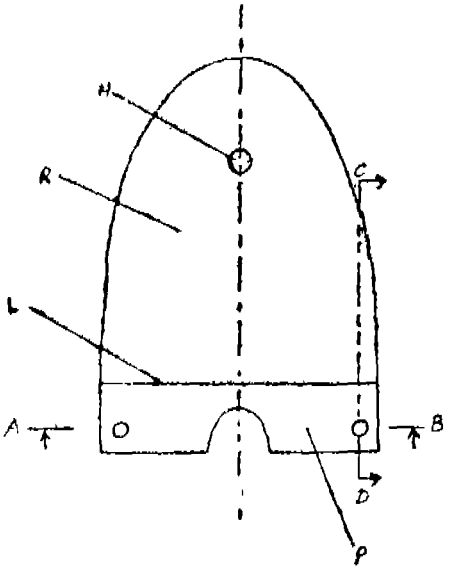
Application and Provisional Specification No. 279/Mas/90 filed on April 16, 1990.

Complete Specification left : April 11, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims

A cap for coconut scraper blade comprising a flattened shirt pocket like cap dimensioned to fit a coconut scraper blade like a sleeve, said cap having a top wall and a bottom wall joined at the edges leaving the slit like mouth of the cap open for the introduction of the blade, characterised in that means are provided on the said cap for fastening together the two lips at the said mouth of the cap after introduction of the cap on the blade and for unfastening the same before the removal of the cap from the blade.



(Prov. specn. 7 pages,
Compl. Specn. 7 pages. Drg. 2 sheets.)

Ind Cl. : 172-D[4]—[GROUP-XX]. 173071

Int. Cl.[4] : D 01 H 13/32

APPARATUS FOR MEASURING THE TWIST OF A RUNNING, ELONGATE TEST MATERIAL.

Applicant : ZELLWEGER USTER AG, OF WILSTRASSE 11, CH-8610 USTER, SWITZERLAND, A SWISS COMPANY.

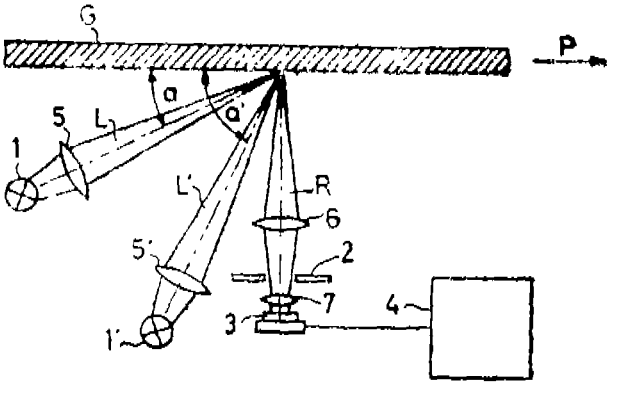
Inventor : HANS WAMPFLER.

Application No. 516 Mas/88 filed on July 20, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

Apparatus for measuring the twist of a running, elongate test material, characterised by at least one light source (1,1') for optically scanning a surface of a test sample (G), an optical system (g) for imaging light (R) from said at least one light source which has been reflected by said test sample onto an aperture (2), at least one photoelectric receiver (3) disposed in a light beam path downstream of said aperture for producing an output signal related to said reflected light, and means (4) for analyzing said output signal to detect periodic components caused by irregularities present in the test sample and for deriving the twist of the test sample from the wavelength or frequency of said periodic components.



(Compl. Specn. 10 pages. Drg. 1 sheet.)

Ind. Cl. : 172 B [GROUP XX] 173072

Int. Cl.[5] : D 02 G 1/16

A METHOD AND APPARATUS FOR MAKING CRIMPED THERMOPLASTIC YARN"

Applicant : MASCHINENFABRIK RIETER AG, A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF WINTERTHUR, SWITZERLAND

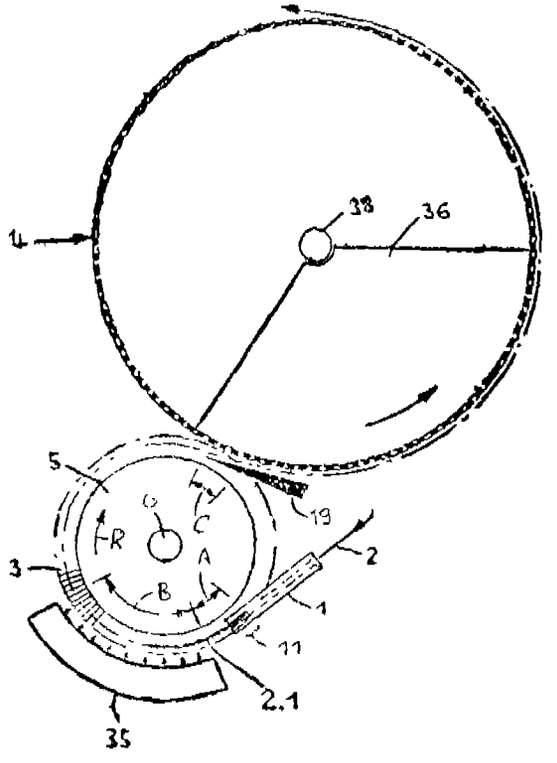
Inventor : WERNER NABULON.

Application No 625/Mas/88 filed on 6th September, 1988

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

34 Claims

Method of making crimped thermoplastic yarns comprising the steps of injecting the yarns as yarn bundles (2) into the oblong curved stuffer box essentially tangential to the curvature of said stuffer box by means of a jet of a heated medium emitted through a discharge nozzle (1), said injection being made at a speed higher than the revolving speed of the stuffer box, wherein the stuffer box (3) the yarn bundle (2) and the medium are disposed for the medium to leave the yarn bundle (2) located in the stuffer box (3) upon entering the stuffer box (3).



(Compl. Specn 27 pages. Drg. 9 sheets.)

Ind. Cl. : 9 D [XXXIII(1)] 173073

Int. Cl.[4] : C 22 C 38/08.

PROCESS FOR PREPARING A CORROSION-RESISTANT METAL ALLOY HAVING GOOD FORMABILITY.

Applicant : HAYNES INTERNATIONAL, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE OF 1020 WEST PARK AVENUE KOKOMO, INDIANA—46904-9013, U.S.A.

Inventors : MICHAEL FREDRIC ROTHMAN, DWAINE LEROY KLARSTROM, AND GEORGE YING-DEAN LAI.

Application No 879/Mas/88 filed on 12th December, 1988

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A process for preparing a corrosion-resistant metal alloy having good formability, comprising the steps of (a) melting an iron-base alloy at 1650°C, containing about 30% to 45% by weight of nickel, 12% to 32% by weight of chromium, at least one of 0.1% to 2.0% by weight of columbium, 0.2% to 4.0% by weight of tantalum or 0.05% to 1.0% by weight of vanadium; then (b) adding up to about 0.20% by weight of carbon and about 0.05 to 0.50% by weight of nitrogen to the molten alloy in order to adjust the quantity of (C+N)I between 0.14 by weight and 0.25% by weight wherein (C+N)F is defined as

$$(C+N)F = C + N - \frac{Cb}{9} - \frac{V}{4.5} - \frac{Ta}{18}$$

in which

(C+N)I —amount of free carbon and nitrogen.
C —amount of carbon by weight percent.
N —amount of Nitrogen by weight percent.
Cb —amount of Columbium by weight percent.
V —amount of Vanadium by weight percent.
Ta —amount of Tantalum by weight percent.

(Compl. Specn. 27 pages. Drg Nil)

Ind. Cl. : 171—[GROUP-XXXVIII (4)]. 173074

Int. Cl.[4] : G 02 C 7 04

AN OPHTHALMIC LENS.

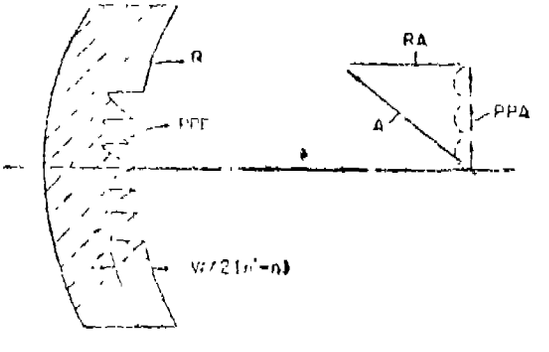
Applicant & Inventor : ALLEN L COHEN, OF 10010 WALSHAM COURT, RICHMOND, VIRGINIA 23233, U.S.A., A CITIZEN OF U.S.A.

Application No. 786/Mas/88 filed on November 10, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

21 Claims

An ophthalmic lens comprising an optic zone, a phase plate having a plurality of annular and concentric zones, the radii of the respective zones being substantially proportional to the square root of an integer (n) and the said zones being out to direct light to more than one focal point; and a pure refractive portion disposed within the said optic zone.



(Compl. Specn 19 pages Drg 4 sheets.)

Ind Cl . 171—[GROUP-XXXVIII (4)] 173075

Int Cl.[4] : G 02 C 7/04

AN OPHTHALMIC LENS

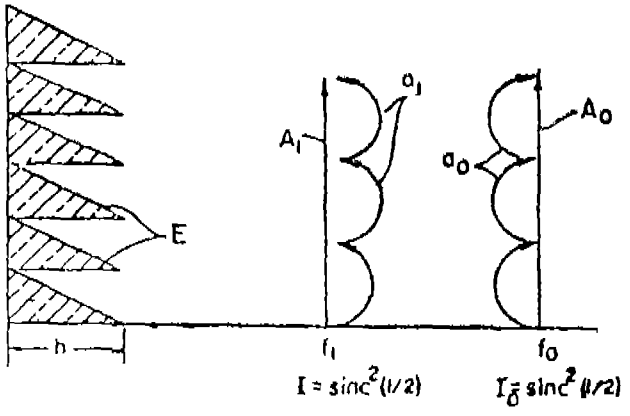
Applicant & Inventor ALLEN I COHEN, A U S CITIZEN OF 10010 WALSHAM COURT, RICHMOND, VIRGINIA 23233, U S A

Application No 787 Mas/88 filed on November 10, 1988

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

11 Claims

An opthalmic lens comprising a base curve surface and an optic zone and plurality of phase plates within the said optic zone, the said phase plates having echelettes of varying depths and heights cooperatively aligned relative to the lens base curve surface to progressively shift the intensity of light focussed by the phase plates between the diffractive focal powers by means of echelettes



(Compl. Specn. 18 pages Drg 3 sheets)

Ind Cl · 131-B(3)—[GROUP-XXVIII (3)] 173076

Int Cl.[4] · E 21 B 10/08.

IMPROVED ROCK ROLLER BITS FOR WITHSTANDING SEVERE WEAR

Applicant · WIDIA (INDIA) LIMITED, 8/9TH MILE, TUMKUR ROAD, BANGALORE-560 073, KARNATAKA, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA

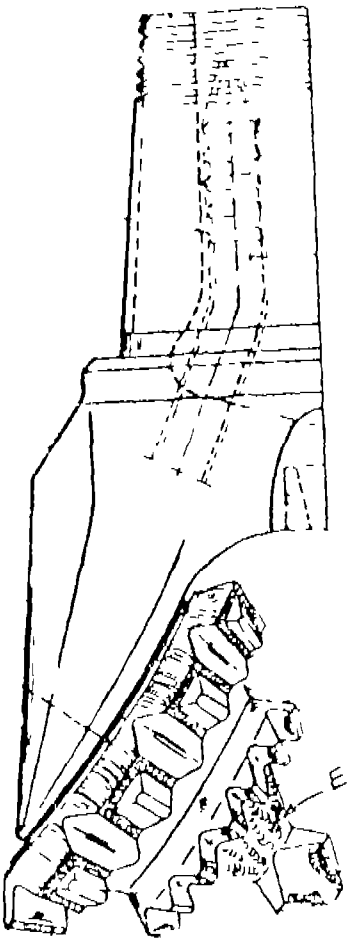
Inventors : (1) SRINIVASA VENKATESH PRASAN, (2) AMITAVA SHYAM CHOUDHURY, (3) RANGARAJAN SRINIVASAN

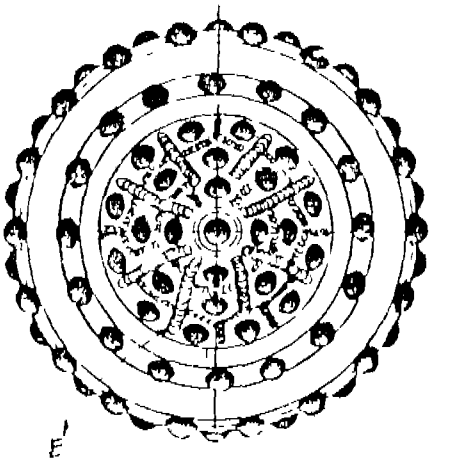
Application No 17/Mas/89 filed on January 6, 1989

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

2 Claims

An improved rock roller bit for withstanding severe wear, provided with a selectively hardfaced nose area constituted by plasma transferred arc deposited composite alloys made up of a mixture of hardwear resistant carbides comprising tungsten carbide, titanium carbide, vanadium carbide and boron carbide in a matrix of setellite, cobalt, nickel or iron, said hardfaced nose area consisting of hardfacing beads of the said composite alloys





(Compl. Specn. 6 pages. Drg. 6 sheets.)

Ind. Cl. : $120B_2$—[GROUP—LIV(2)] 173077

Int. Cl.[4] : F 16 H 39/00 & 39/36

A SOLID GREASE LUBRICATING PUMP.

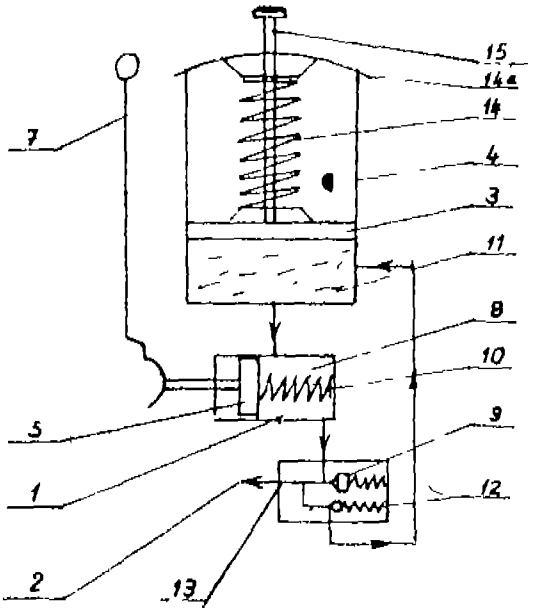
Applicant & Inventor : PUTTUR RANGASWAMY SRINIVASAN, B.E., F.I.E., PARTNER, PRS EQUIPMENT DIVISION, 6 B.C.I. ESTATE LTD., OKALIPURAM, BANGALORE-560 021, KARNATAKA, INDIA, AN INDIAN CITIZEN.

Application No. 92/Mas/89 filed on February 3, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A solid grease lubricating pump comprising a reservoir of solid grease accommodating a spring-loaded piston for maintaining grease under pressure; a chamber housed in a pump body, and a pressure creating valve provided on the said body, said chamber communicating with the outlet of the said reservoir and accommodating a spring-loaded plunger actuated by a handle to push out air from the chamber through said pressure creating valve and thus suck in grease from the reservoir into said chamber, for discharging said grease, thereafter, from said chamber, through the pressure creating valve, to lubricating points; and a back pressure relief valve mounted on the pump body for returning excess grease to the reservoir.



(Com. Speen. 10 pages; Drwgs 5 sheets)

Ind. Cl. $120B_2$—[GROUP—LIV(2] 173078

Int. Cl.[4] : F 16 H 39/00; 39/36

A SOLID GREASE LUBRICATING PUMP.

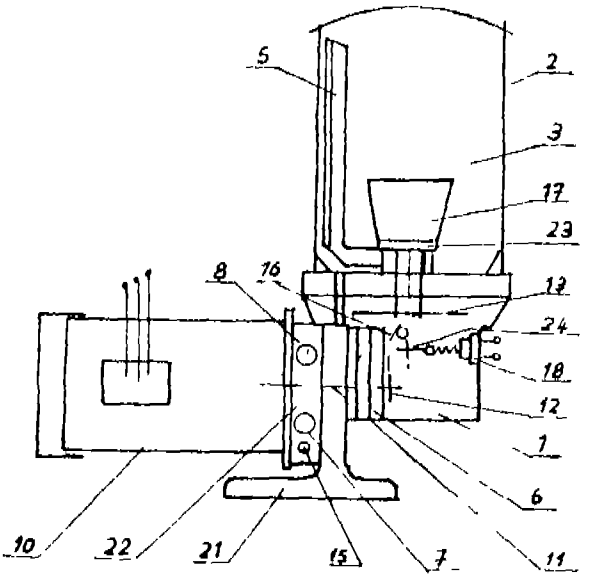
Applicant & Inventor : PUTTUR RANGASWAMY SRINIVASAN, B.E., F.I.E., PARTNER, PRS EQUIPMENT DIVISION, 6 B.C.I. ESTATE LTD., OKALIMPURAM, BANGALORE-560 021 KARNATAKA, INDIA, INDIAN CITIZEN.

Application No. 93/Mas/89 filed on February 3, 1989

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A solid grease lubricating pump comprising a housing attached to a grease reservoir, wherein an agitator, disposed within the said reservoir, is fixed to the housing, said agitator, when rotated, creating pressure on the solid grease, said reservoir being connected to a gear pump for sucking the pressurised solid grease and delivering the same, through piping, to lubrication points; a control manifold fixed to the gear pump and incorporating a pressure creating valve to maintain line pressure for delivery of grease to the said lubricating points and a back pressure valve for return of excess grease to the reservoir when the outlet of the pump is blocked.



(Com Speen. 10 pages; Drwgs 5 sheets)

Ind. Cl. : 151-E—[GROUP—XLVIII (2)] 173079

Int. Cl.[4] : F 16 L 11/00

A REINFORCED HOSE

Applicants : (1) INSTITUT FRANCAIS DU PETROLE, A FRENCH BODY CORPORATE, OF 4, AVENUE DE BOIS-PREAU, 92502 RUEIL-MALMAISON, FRANCE, AND (2) COFLEXIP, OF 23, AVENUE DE NEUILLY, 75116, PARIS, FRANCE.

Inventors : (1) ANDRE SUGIER

(2) JOSE MALLEN HERRERO

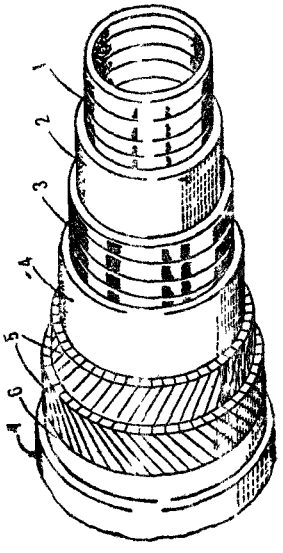
Application No. 461/Mas/89 filed on June 13, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

29 Claims

A reinforced hose comprising one or several of the following components, a pressure-resistance reinforcement (3), a tensile strength reinforcement (5) and/or an inner carcass (1), wherein at least one of said components comprises one or several elongated elements such as a profile, a cable, a wire or a strip, said element being subjected to a working operation and being composed of an aluminum alloy of the 2000, 5000, 6000 or 7000 series, said aluminum alloy having an ultimate tensile strength (Rm) at least equal to 250 MPa and a yield strength at 0.2% ($Re_{0.2}$) at least equal to 190 MPa, and wherein said working operation comprises a cold work-hardening of 3% at least when the aluminum alloy is a

2000, 6000, 7000 series aluminum alloy, or of 20% at least when the aluminum alloy is a 5000 series aluminum alloy.



(Com. Specn. 47 pages; Drwg. 1 sheet)

Ind. Cl. : 207 [XLIII]. 173080

Int. Cl.[4] : B 27 B—5/00.

"A SAW".

Applicant : FIRNA ERNST WINTER & SOHN (GMBH & CO.) OR OSTERSTRASSE 58, 2000 HAMBURG 20 BUNDESREPUBLIK, DEUTSCHLAND. A GERMAN COMPANY.

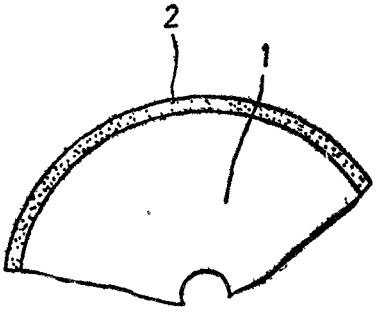
Inventor : DR. WLODZIMIEZ SAWLUK.

Application No. 641/Mas/89 filed on 25th August 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

15 Claims

A saw comprising a saw blade of plastic reinforced with 30% to 70% by volume of carbon or graphite fibres, one edge of the said saw blade is provided with a single or multi-part hard metal or diamond containing cutting coating.



(Com. specn. 15 pages; Draw. 3 sheets).

Ind. Cl. : 129 Q. 173081

Int. Cl.[4] : B 23 K 9/00, 9/12, 9/24

AN IMPROVED RESISTANCE WELDING METHOD FOR JOINTING ALUMINIUM WORKPIECES.

Applicant : ALCAN INTERNATIONAL LIMITED, OF 1188 SHERBROOKE STREET WEST, MONITREAL, QUEBEC, CANADA, A CANADIAN COMPANY.

Inventors : MARK WILLIAM PUDDLE, NIGEL CLEATON DAVIE, & PETER MICHAEL BULLIVANT-CLARK.

Application for Patent No. 979/Del /86 filed on 6-11-1986.

Convention Date 14-11-1985 No. 8528049/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

An improved resistance welding method for joining aluminium workpiece which comprises joining two or more aluminium workpieces by resistance welding by means of a welding electrode characterised by applying an artificially applied, strongly adherent, chromate based coating on the surfaces of said aluminium workpieces at the location of the intended welds and roughening the tip of the said electrode so that the tip of said electrode has a roughened surface having an average roughness depth of at least 10 microns thereby enhancing the flow of current from said electrode to said workpieces.

(Comp. specn. 17 pages. Drw. sheet Nil).

Ind. Cl. : 32 E & 104 F. 173082

Int. Cl.[4] : C08F 10/08.

A METHOD FOR POLYMERIZING 1, 3-BUTADIENE INTO HIGH CIS-1, 4-POLY-BUTADIENE IN A CONTINUOUS PROCESS.

Applicant : THE GOODYEAR TIRE & RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, HAVING PRINCIPAL PLACE OF BUSINESS AND A POST OFFICE ADDRESS AT 1144 EAST MARKET STREET, AKRON, OHIO 44316-0001, UNITED STATES OF AMERICA.

Inventors : MORFORD CHURCH THROCKMORTON, ROBERT WILLIAM STACHOWIAK & CHRISTOPHER LEE WILSON.

Application for Patent No. 77/Del/87 filed on 30 Jan 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

15 Claims

A method for bulk polymerizing 1, 3-butadiene into high cis-1, 4-polybutadiene in a continuous process comprising (1) charging in a reaction medium said 1, 3-butadiene; a catalyst system comprising (a) an organoaluminum compound such as herein described, (b) a soluble nickel containing compound, such as herein described, and (c) a fluorine containing compound such as herein described; (2) allowing said 1, 3-butadiene to polymerize into high cis-1, 4-polybutadiene to a conversion of at least about 60 percent while utilizing conditions under which there is sufficient evaporative cooling in said reaction zone to maintain a temperature within the range of 10°C to 130°C; and (3) continuously withdrawing said high cis-1, 4 polybutadiene from said reaction zone

(Com specn. 56 pages).

Ind. Cl. : 35 E. 173083

Int. Cl.[4] : C 04 B 35/10.

A PROCESS FOR MANUFACTURE OF HIGH ALUMINA REFRACTORY BRICK FROM SILLIMANITE BEACH SAND BY CERAMIC BONDING.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : ASIS KUMAR ROY, SITAL PRASAD BANERJEE & GAUTAM BANERJEE.

Application for Patent No. 289/DEL/87 filed on 3 Apr. 1987.

Complete Specification left on 19 Oct. 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A process for the manufacture of high alumina refractory brick from sillimanite beach sand comprises grinding the said sand to a size of —325 BSS, mixing the said ground sand with unground sillimanite sand, adding a binder consisting of clay and technical alumina in the proportion of 5.8 : 5.2, mixing: the resultant product with fused alumina, adding a dopent such as herein described and a green bond such as hereln described to the mixture, then pressing the mixture to the desired shape, drying the shaped product and firing the dried product at a temperature in the range between 1500°—1600°C.

(Prov. specn. 6 pages)

(Complete specn. 7 pages)

Ind. Cl : 40 H. 173084

Int. Cl.[4] : B01D 53/04.

A PROCESS FOR THE ENHANCED SEPARATION OF GASES EMPLOYING A COMBINATION OF MEMBRANE AND PSA PROCESSES.

Applicant : UNION CARBIDE CORPORATION, MANUFACTURERS, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A, WITH OFFICES AT 39 OLD RIDGEBURY ROAD, DANBURY, STATE OF CONNECTICUT, 06817, U.S.A.

Inventor : KISHORE JASRAJ DOSHI.

Application for Patent No. 371/DEL/87 filed on 29 Apr. 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

A process for the enhanced separation of gases comprising :

(a) contacting a feed gas stream of the kind such as herein described comprising a first and a second component as herein described at an elevated pressure with a permeable membrane capable of selectively permeating said first component thereof, thereby obtaining a first component enriched, second component depleted permeate portion of said feed stream at a reduced pressure, and a second component enriched, first component depleted non-permeate portion of said feed stream essentially at said elevated pressure;

(b) withdrawing said non-permeate gas from the permeable membrane;

(c) passing said permeate gas to the feed end of an adsorbent bed in a pressure swing adsorption system capable of selectively adsorbing additional amounts of said second component therefrom at an upper adsorption pressure, with unadsorbed, purified first component gas being withdrawn as a high purity gas from the product end of the bed;

(d) countercurrently depressurizing the bed to a lower desorption pressure and/or purging said bed to desorb and release a first and second component-containing regeneration stream from the feed end of the bed; and

(e) recycling said at least a portion of regeneration stream for combination with additional quantities of the feed gas stream, whereby the separation of the first component is achieved at a high purity and desirable recovery levels, with said second component being available at a desirably high pressure level.

(Comp. specn. 36 pages; Drawing 1 sheet).

Ind. Cl. : 90 J 173085

Int. Cl.[4] : C 03 B 18/00.

AN APPARATUS FOR PRODUCING A BENT GLASS SHEET.

Applicant: PPG INDUSTRIES, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA, OF ONE PPG PLACE, PITTSBURGH 22, A STATE OF PENNSYLVANIA 15272, UNITED STATES OF AMERICA.

Inventors: ROBERT GEORGE FRANK, GEORGE RICHARD CLAASSEN, THOMAS LEE WATERLOO, STEPHEN JEFFREY SCHULTZ, AND MICHAEL TIMOTHY FECIK.

Application for Patent No. 1104/DEL/87 filed on 21st December 1987.

An appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

14 Claims

An apparatus for producing a bent glass sheet which comprises :

a furnace (20 for heating said sheet to its heat-softened temperature, a shaping (24) station located adjacent said furnace (20) for shaping said heat-softened glass sheet and a cooling (22) station located in series with respect to said furnace (20) and said shaping (24) station for cooling said shaped sheet;

means for transferring (34) said heat-softened sheet from said furnace (20) to the shaping (24) station, said transferring (34) means connecting said furnace (20) and said shaping (24) station;

an upper vacuum (40) mold located within said shaping (24) station and a lower vacuum (42) mold located within said shaping (24) station in vertical alignment with said upper (40) mold;

characterised by;

said upper vacuum (40) mold having a female shaping (44) surface with a substantially concave downward elevational configuration corresponding to the desired configuration of said sheet; said lower vacuum (42) mold having a male (82) shaping surface complementing said female shaping (44) surface of said upper (40) vacuum mold and being rotably mounted within said shaping (24) station so that it is capable of rotating from its first position wherin its shaping surface (82) faces upwards and is in an opposing relation with respect to the shaping (44) surface of said upper (40) vacuum mold to a second position wherin its shaping (82) surface faces downwards;

said transfer means (34) comprising a moveable vacuum (36) head located at the exit end of the furnace (20) from where it vacuum-lifts the heat-softened glass sheet and deposits it at the shaping (24) station;

said lower (42) mold also being connected to a vacuum (92, 94) supplying means and having openings on its surface for engaging by means of vacuum said glass sheet when said lower (42) mold is in its said first position and release said glass sheet upon release of said vacuum when said lower mold (42) is in its second position.

(Compl Specn. 22 pages. Drngs. 6 sheets)

Ind. Cl . 32 E IX (1) 173086

Int. Cl : C 08 G 69/00.

AN IMPACT-PROPERTY MODIFIERS COMPOSITION SUITABLE FOR IMPACT STRENGTH MODIFICATION OF POLYAMIDES, A METHOD FOR THE MANUFACTURE OF SUCH COMPOSITION AND THE POLYAMIDES INCORPORATING SUCH COMPOSITION.

Applicant : ROHM AND HAAS COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF DELAWARE, UNITED STATES OF AMERICA, OF INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Inventors : WAN-LI LIU, SUSAN MARIE LIWAK

Application for Patent No 711/DEL/87 filed on 14 August 1987.

Appropriate Office for Oppositon Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

9 Claims

An impact-property, modifier, compositon suitable for the impact strength modification of polyamides, comprising

(A) from 80 to 99.5 parts by weight of a core shell polymer having :

(i) from 50 to 90 parts of a rubbery core polymer, comprising units of conjugated diolefin and/or methacrylate and/or alkyl acrylate having 2 to 8 carbon atoms in the alkyl group, having a glass transition temperature below—20°C, and, surrounding the core,

(ii) from 10 to 50 parts of one or more shells of polymer, each shell being different from any adjacent shell, at least one of the shells being a copolymer of

(a) one or more monomers selected from styrenic monomers, acrylonitrile, methacrylonitrile and alkyl esters of acrylic or methacrylic acid, the alkyl group having from 1 to 8 carbon atoms with

(b) from 0.5 to 25%, based on the total weight of the copolymer, of a first copolymerizable unsaturated carboxylic acid, anhydride or mixture therof; and

(B) from 0.5 to 20 parts by weight of an additive copolymer of from 50 to 95 parts by weight of an alkyl acrylate and/or alkyl methacrylate having from 1 to 8 carbon atoms in the alkyl group, with from 5 to 50 parts of a second copolymerizable unsaturated carboxylic acid, anhydride or mixture thereof.

(Compl. Spen. 44 pages . . Drngs. sheets Nil)

Ind. Cl. : 40 F. 173087

Int. Cl.[4] : B 67 D 5/00.

A DEVICE FOR INTRODUCING FLOWABLE ADDITIVE INTO PAINT, WOODSTAIN OR VARNISH.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC., A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventors : MICHAEL HOWARD GROVES & MICHAEL ROGER CANE, DIGBY RALPHS REDSHAW.

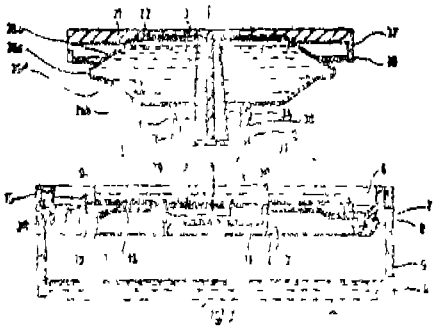
Application for Patent No. 92/DEL/88 filed on 02 February 1988.

Convention date 12 Feb 1987/8703205/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

18 Claims

A device for introducing flowable additive (3) into paint, varnish or woodstain (4) which comprises a container (2) having a can (5) containing said paint, varnish or woodstain (4), a lid (6) engaging with and closing said can (5), an inlet (9) connected to said container (2), a closure means (11), closing said inlet in a fluid-tight manner, said closure means (11) being displaceable and openable inwards of said container upon a force exerted thereon, a closed capsule (1) having a chamber (23) for housing said flowable additive, an outlet (24) connected to said chamber (23) in one hand and connectable to said inlet (9) on the other hand, means (34) for creating an opening in said capsule chamber (23) mounted in said chamber (23) or said can (5), said opening communicating with said inlet (9) into said can (5), compression means (21, 26a, 26b, 26c) located on the wall of said capsule (1) for positively expelling said additive from said chamber (23) through said opening, into said inlet (9), first locating means (10) located adjacent said inlet (9) and second locating means (30) located adjacent said outlet (24), said first and second locating means (10, 30) being co-operable with each other and assisting in locating the opening created in said chamber (23) in communication with said inlet (9) into the said can (5) of said container (2).



(Compl. Specn. 33 pages. Drngs. 9 sheets)

Ind. Cl. : 123. 173088

Int. Cl.[4] : A01N 45/00.

PLANT STIMULATING COMPOSITION.

Applicant : AMERICAN COLLOID COMPANY, OF ONE NORTH ARLINGTON 1500 WEST SHURE DRIVE ARLINGTON HEIGHTS, ILLINOIS 60004 USA, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A.

Inventor : WILLIAM ALEXANDER.

Application for Patent No. 161/DEL/88 filed on 02 March 1988.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

10 Claims

A plant stimulating composition comprising from 0.1 to 15% by weight of the composition, a water soluble alkali metal salt of humic acid consisting essentially of a humic acid; from 0.5 to 50% by weight of a conventional plant nutrient and the balance, a suitable liquid carrier.

(Compl. Specn. 43 pages. Drngs. 3 sheets)

Ind. Cl. : 126 B 173089

Int. Cl. : G01 N 33/24.

DEVICE FOR SENSING AND MEASURING MOISTURE CONTENT IN SOILS AND OTHER POROUS MATERIALS.

Applicant(s) : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001. INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s): TOPUR KRISHNASWAMY NATARAJAN. BALRAJ MALHOTRA AND SATISH KUMAR BHASKAR.

Application for Patent No. 369/DEL/88 filed on 28 April 1988.

Complete Specification left on 22 June 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

3 Claims

A device for sensing and measuring moisture content in soils and other porous materials which comprises a probe (1) consisting of a pair of metallic discs held together with an adhesive resinous material, each metallic disc being provided with a wire having a terminal, the terminals of the metallic discs being connected to an oscillator unit (3) having a fixed or variable frequency, a voltmeter being connected across the oscillator unit (3) to record the proportional dielectric constant of soil mater.

(Provn. Specn. 3 pages. Drngs. 1 sheet)

(Comp. Specn. 7 pages. Drngs. 3 sheets)

Ind. Cl. : 32C [IX(1)]. 173090

Int. Cl.[4] : C07G 17/00.

PROCESS FOR THE PREPARATION OF A NON-STICKY PHOSPHOLIPID CONTAINING COMPOSITION.

Applicant : A. NATTERMANN & CIE Gmbh, OF NATTERMANNALLEE 1 D5000 KOLN 30 WEST GERMANY.

Inventor : BENEDIKT GAJDOS, HEINZ J. MENTZEN.

Application for Patent No. 687/DEL/89 filed on 2 August 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the preparation of a non-sticky phospholipid containing composition containing sugar as a solildifying agent and conventional additives which comprises combining a 1 : 1 mixture of gluocpyranisido-1, 6-mannitol and glucopyranisido-1, 6-sorbitol with phospholipids in a weight ratio of phospholipids to said mixture of from 1 : 20 to 20 : 1, said combination being effected under heat with said mannitol-sorbital mixture as a melt until the overall admixture is homogeneous, cooling the homogeneous admixture and comminuting it.

(Compl. Specn. 19 pages).

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy :—

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PATENT SEALED

ON 07-01-1994

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CAL—18, MAS—21, BOM—03, DEL—00.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of Sealing.

D—DRUG PATENT, F—FOOD PATENT.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by the ICI India Limited, an Indian Company, of ICI House, 34 Chowringhee Road, Calcutta-700071, West Bengal, India, in respect of patent application No. 164474 as advertised in part III section 2 of the Gazette of India on the 28-8-1993 no opposition being filed within the stipulated period the said amendment has been allowed.

The amendment proposed by the ICI India Limited, an Indian Company, of ICI House 34, Chowringhee Road, Calcutta-700071, West Bengal, India, in respect of patent application No. 164044 as advertised in part III, section 2 of the Gazette of India on the 28-8-1993, no opposition being filed within the stipulated period the said amendment has been allowed.

Notice is hereby given that DAIHEN CORPORATION of 1-11, Tagawa 2-chome, Yodogawa-ku, Osaka-shi, Osaka, Japan, a Japanese Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 557/MAS/89 for (172824) "METHOD FOR MANUFACTURING RECTANGULAR WOUND TRANSFORMER CORES" The amendment are by way of correction. The application for amendments and the proceed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office Branch, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition, it shall be left within one month from the date of filing the said Notice.

RENEWAL FEES PAID

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REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entry.

Class 1. No. 165763. Industrial Tools Co., Near Prabhat Railway Crossing, Ram Nagar Road, Jalandhar-144008, Punjab, India, Indian Partnership Firm. "Drilling Machine". June 17, 1993.

Class 1. No. 166052. Kaiyo Kogyo Kabushiki Kaisha of 1-11, Akihabara, Taito-ku, Tokyo, Japan. "Pump". August, 19, 1993.

Class 1. No. 166037. Khurana Brothers (P) Ltd., of 31-B, Prehlad Market, Karol Bagh, New Delhi-110005, India, an Indian Co. "Stand". August 16, 1993.

Class 1. 165940. Partecipazionai Bulgari S.p.A., Italian Co. of Via : Gregoriana, 5-Rome, Italy. "Necklace". July 27, 1993.

Class 1. No. 164833. EMCO Controls Pvt. Ltd. of F-289, Pandav Nagar, Delhi-110092, India, "Flush Bolt". October 1, 1992.

Class 1. No. 165839. Vel-Mor Home Decor Pvt. Ltd. of 4 A-B, Dayasagar Industrial Estate, Bhayander (East), Dist : Thane, Pin-401105, Maharashtra, India. "Water Spout for bath tub". July 5, 1993.

Class 1. No. 166217. Sarada Industries, Indian Proprietory Firm of 36, Strand Road, Calcutta-700001, W. B., India. "Jute ribboner". September 20, 1993.

Class 1. No. 165754. Soumitra Biswas, Indian of P-34, C. I. T. Road, Calcutta-700010, W. B., India. "Baby Bouncer". June 14, 1993.

Class 1. No. 166139. Hrieveni Plasztics of 698, Sadar Bazar, Delhi-110006, India, Indian Partnership Firm. "Ice cubes bottle". February 7, 1993.

Class 1. No. 165764. H. R. Industries of 810, Industrial Area-A, Ludhiana-3, Punjab, India, Indian Partnership Firm. "Cycle bell". June 17, 1993.

Class 1. No. 165699. Peico Electronics and Electricals Ltd. of Shivsagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay-400018, Maharashtra, India, Indian Co. "Mixer grinder". June 3, 1993.

Class 1. No. 165721. Western Agro Implements Co. Pvt. Ltd., Indian Co. of 23, Netaji Subhas Road, 3 & 4, Commercial Building, Calcutta-700001, W.B., India. "Agricultural blower-cum-duster". June 8, 1993.

Class 1. No. 165795. Honda Giken Kogyo Kabushiki Kaisha, Japanese Co. of 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan. "Motor scooter". June 25, 1993.

Class 1. No. 165744. Polar Fan Industries Ltd. of Poddar Point, 113, Park Street, 8th floor, Calcutta-700016, W. B., India, Indian Company. "Table Fan". June 10, 1993.

Class 1. No. 165824. Mancos Domestic Appliances Industries Ltd., Indian Co. of Boring Road, near IBP Petrol Pump, Patna-800001, Bihar, India. "L.K.G. Gas Cylinder". July 2, 1993.

Class 1. No. 165941. Partecipazioni Bulgari, S.p.A., an Italian Co. of via Gregoriana, 5-Rome, Italy. "Necklace". July 27, 1993.

Class 3. No. 166170. Rossell Industries Ltd. of 14B, Gurusaday Road, Calcutta-700019, W. B. India, Indian Co. "Pouch". September 16, 1993.

Class 3. No. 165589. Gillette Canada Inc. Canadian Corpn. of 16700 Trans Canada, Kirkland, Quebec, Canada-H9H 4Y8. "Toothbrush". April 27, 1993.

Class 3. No. 165598. Bani Singh of 6-B, Khan Market, New Delhi-110003, India, Indian. "Chair". April 30, 1993.

Class 3. No. 165599. Bani Singh of 6-B, Khan Market, New Delhi-110003, India, Indian. "Chair". April 30, 1993.

Class 3. No. 165609. Peico Electronics & Electricals Ltd. of Shivsagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay-400018, Maharashtra, India. Indian Co. "Lighting Fixture". May 3, 1993.

Class 3. No. 165720. Tide Water Oil Co. (India) Ltd. of 3rd floor, Mamani Chambers, 32R Kamani Marg, Ballard Estate, Bombay-400038, Maharashtra, India, Indian Co. "Container". June 8, 1993.

Class 3 No. 165729. Larsen & Toubro Ltd. of L&T House, Ballard State, Bombay-400048, Maharashtra, India, Indian Co. "Air Circuit breaker". June 8, 1993.

Class 3. No. 165732. Concorde Plast, 107-B, Dayanand Nagar, Lawrance Road, Amritsar-143001, Punjab State, India, an Indian Partnership Firm. "Plant protection continous hand sprayer". June 9, 1993.

Class 3 No. 165733. Concorde Agro Sprayers Pvt. Ltd., 107-B, Dayanand Nagar, Lawrence Road, Amritsar-143001, Punjab, India. "Plant Protection Pressure Sprayer". June 9, 1993

Class 3 No. 165734. The Goodyear Tire & Rubber Company of 1144, East Market Street, Akron, Ohio-44316-0001, U.S.A. "Tyre". June 9, 1993

Class 3. No. 165738. Khantilal Ramniklal Shah of Swastik Trading Company of Mahavir Nagar, Godown No. 3, Factory Lane, Maharashtra, India. "Container". June 9, 1993.

R. A. ACHARYA,
Controller General of Patents
Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
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